



US Army Corps
of Engineers
Sacramento District

Sacramento District



22 September 2006
Judy Soutiere – Assist. Chief,
Water Resources Branch, Planning



US Army Corps
of Engineers
Sacramento District



Federal Levee System

- USACE levees that are part of the federal flood control system that may be owned and operated by the federal government, or part of an authorized project that is owned, operated and maintained by a non-federal sponsor.
- Levees constructed by another Federal Agency
- Levees not constructed by USACE, but which are active in the Flood Control and Coastal Emergency's Rehabilitation & Inspection Program



US Army Corps
of Engineers
Sacramento District

Role of Corps of Engineers in Floodplain Mapping



At the request of governmental agencies:

- Develop hydrology and hydraulics to support detailed studies
- Develop geotechnical information
- Provide FEMA with other information based on projects
- Levee Certification of Federal levee system if applicable



US Army Corps
of Engineers
Sacramento District

Levee Certification



- Perform analysis according to CFR65.10 except for
 - Interior Drainage Information
 - Operations and Maintenance Information
- Level of assurance performance of the levee is determined by performing a risk and uncertainty analysis
- Risk Analysis required for all certification determinations performed by USACE



US Army Corps
of Engineers
Sacramento District

USACE Certification



- USACE Federal levees – at request of non-federal sponsor
 - USACE operated/maintained levees
 - Part of Operations and Maintenance Program
 - Non-Federal operated/maintained levees
 - Funding as part of Inspection of Completed Works Program
 - Floodplain Management Services Program (FPMS)
 - Can perform analysis for certification
 - Can not certify



US Army Corps
of Engineers
Sacramento District

USACE Certification (cont.)



- Other Federal Levees- at the request of the other federal agency
 - Funding received from requesting federal agency
- Levees that are part of the Rehabilitation and Inspection Program
 - at the request of another federal agency
 - Funding received from requesting federal agency
- USACE projects in study, design/or construction – Requested by non-federal sponsor and agreed to be part of the overall project costs



US Army Corps
of Engineers
Sacramento District



Initiation of a COE Study

- Request a study, via congressional resolution, to study a particular area
- Request funding for initiation of a Reconnaissance Report
 - A Recon Report will determine if there is a Federal interest in continuing the project, and determine if there is a willing sponsor for the project
- Request funds for a Feasibility Report



US Army Corps
of Engineers
Sacramento District

National Levee Database



- Initial Levee Database Upload – ongoing
- Levee Inventory Phase II – validation of physical features and additional information into database, just starting, Sacramento is one of 5 test districts



US Army Corps
of Engineers
Sacramento District



Questions?